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Substitute for form 1449B/PTO		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		Application Number	10/051.681
		Filing Date	January 16, 2002
		First Named Inventor	D. COHEN, et al.
		Group Art Unit	1645
		Examiner Name	Unassigned
		Attorney Docket Number	101.US5.REG
Sheet	2	of	10

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. 1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
RP	R1	ALSTON, T., et al. "Suicide inactivation of D-amino acid oxidase by 1-chloro-1-nitroethane"; The Journal of Biological Chemistry, Vol 258, N°2 : 1136-41, January 25, 1983	
RP	R2	BARAM, T., and al. "CRH gene expression in the fetal rat is not increased after pharmacological adrenalectomy"; Neuroscience Letters, Vol 142 : 215-8, 1992	
RP	R3	BARANANO, D., et al. "Atypical neural messengers"; Trends in Neurosciences, Vol 24, N°2 : 99-106, February 2001	
RP	R4	BRACHET, P., et al. "Kinetics of the inhibition of hog kidney D-amino acid oxidase by short-, medium- and long-chain fatty acids"; Biochemistry International, Vol 22, N°5 : 837-42, December 1990	
RP	R5	CHUN, W., et al. "Tissue transglutaminase selectively modifies proteins associated with truncated mutant Huntingtin in intact cells"; Neurobiology of Disease, Vol 6 : 391-404, 2001	
RP	R6	D'ANIELLO, A., et al. "Biological role of D-amino acid oxidase and D-aspartate oxidase effects of D-amino acids"; The Journal of Biological Chemistry, Vol 268, N°38 : 26941-9, December 25, 1993	
RP	R7	D'ANIELLO, A., et al. "Further study on the specificity of D-amino acid oxidase and of D-aspartate oxidase and time course for complete oxidation of D-amino acids"; Comp. Biochem. Physiol., Vol 105B, N°3/4 : 731-4, 1993	
RP	R8	DIXON, M., et al. "D-amino acid oxidase - I. Dissociation and recombination of the holoenzyme"; Biochimica et Biophysica Acta, Vol 98 : 357-67, 1985	
RP	R9	D'SILVA, C., et al. "Identification of methionine-110 as the residue covalently modified in the electrophilic inactivation of D-amino acid oxidase by O-(2,4-dinitrophenyl) hydroxylamine"; Biochemistry, Vol 26 : 1717-22, 1987	
RP	R10	DODD, G., et al. "The human L-pipecolic acid oxidase is similar to bacterial monomeric sarcosine oxidases rather than D-amino acid oxidases"; Cell Biochemistry and Biophysics, Vol 32 : 313-6, 2000	
RP	R11	FERTI, C., et al. "Reactivity of D-amino acid oxidase with 1,2-cyclohexanedione : evidence for one arginine in the substrate-binding site". Eur J Biochem, Vol 118 : 553-7, 1981	

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RP	R12	FONDA, M, et al. "D-amino acid oxydase"; The Journal of Biological Chemistry, Vol 243, N°8 : 1931-5, April 25, 1968	
RP	R13	KRAUS, JL, et al. "Tetrazole isosteres of biologically active acids and their effects on enzymes"; Research Communications in Chemical Pathology and Pharmacology, Vol 63, N°2 : 209-22, February 1994	
RP	R14	GADDA, G, et al. "Characterization of 2-oxo-3-pentynoate as an active-site-directed inactivator of flavoprotein oxydases : Identification of active-site peptides in tryptophan 2-monooxygenase"; Biochemistry, Vol 38 : 5822-28, 1999	
RP	R15	GADDA, G, et al. "Chemical modification of lysyl residues of Rhodotula gracilis D-amino acid oxydase"; Biochemistry and Molecular Biology International, Vol 33, N°5, 947-55, August 1994	
RP	R16	HAMILTON, G, et al. "The inhibition of mammalian D-amino acid oxydase by metabolites and drugs. Inferences concerning physiological function"; Bioorganic Chemistry, Vol 11 : 350-70, 1982	
RP	R17	HASHIMOTO, A, et al. "Free D-aspartate and D-serine in the mammalian brain and periphery"; Progress in Neurobiology, Vol 52 : 325-53, 1997	
RP	R18	HASHIMOTO, A, et al. "Free D-serine, D-aspartate and D-alanine in central nervous system and serum in mutant mice lacking D-amino acid oxydase"; Neuroscience Letters, Vol 152 : 33-6, 1993	
RP	R19	HASHIMOTO, A, et al. "Embryonic development and postnatal changes in free D-aspartate and D-serine in the human prefrontal cortex"; Journal of Neurochemistry, Vol 61 : 348-51, 1993	
RP	R20	HORIIKE, K, et al. "Interaction between D-amino acid oxydase and small molecules"; Journal of Biochemistry, Vol 80 : 1073-83, 1976	
RP	R21	HUANG, J, et al. "Hepatocyte-catalysed detoxification of cyanide by L-and D-cysteine"; Biochemical Pharmacology, Vol 55 : 1983-90, 1998	
RP	R22	KAPOOR R, et al. "Distribution of D-amino acid oxydase (DAO) activity in the medulla and thoracic spinal cord of the rat : Implications for a role for D-serine in autonomic function"; Brain Research, Vol 771 : 351-55, 1997	

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Substitute for form 1449B/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>		<b>Complete If Known</b>	
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RP	R23	KONNO, R, et al. "Mouse mutant deficient in D-amino acid oxidase activity"; Genetics, Vol 103 : 277-85, February 1983	
RP	R24	MARCOTTE, P, et al. "Sequence of reactions which follows enzymatic oxidation of allylglycine"; Biochemistry, Vol 17, N° 26 : 5620-6, 1978	
RP	R25	MARCOTTE, P, et al. "Vinylglycine and propargylglycine : complementary suicide substrates for L-amino acid oxidase and D-amino acid oxidase"; Biochemistry, Vol 15, N° 14 : 3070-5, 1976	
RP	R26	MASSEY, V, et al. "On the interpretation of the absorption spectra of flavoproteins with special reference to D-amino acid oxidase"; Biochemistry, Vol 4, N° 6 : 1161-73, June 1965	
RP	R27	ROBINSON, JM, et al. "Localization of D-amino acid oxidase on the cell surface of human polymorphonuclear leukocytes"; J Cell Biology, Vol 77 : 59-71 1978	
RP	R28	MATTEVI, A "The PHBH fold : not only flavoenzymes"; Biophysical Chemistry, Vol 70 : 217-22, 1988	
RP	R29	MATTEVI, A, et al. "Crystal structure of D-amino acid oxidase : a case of active site mirror-image convergent evolution with flavocytochrome b2"; Proc. Natl. Acad. Sci. USA, Vol 93 : 7496-501, July 1996	
RP	R30	MELDRUM, BS, et al. "Proconvulsant, convulsant and other actions of the D- and L-stereoisomers of allylglycine in the photosensitive baboon, papio papio"; Electroencephalography and Clinical Neurophysiology, Vol 47 : 383-95, 1979	
RP	R31	MIHALIK, S, et al. "L-pipecolic acid oxidation in the rabbit and cynomolgus monkey"; The Journal of Biological Chemistry, Vol 264, N° 5 : 2509-17, February 15, 1989	
RP	R32	MIURA, R, et al. "Studies on the reaction of D-amino acid oxidase with beta-cyano-D-alanine"; J Biochem, Vol 87, N° 5 : 1469-81, 1980	
RP	R33	MIURA, R, et al. "C-NMR studies of porcine kidney D-amino acid oxidase reconstituted with C-enriched flavin adenine dinucleotide. Effects of competitive inhibitors"; J Biochem, Vol 101, N° 3 : 581-8, 1987	

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RP	R34	MIYANO, M, et al. "Studies on Phe-228 and Leu-307 recombinant mutants of porcine kidney D-amino acid oxidase: expression, purification and characterization"; J. Biochem, Vol 109, N°1: 171-7, 1991	
RP	R35	MORENO, JA, et al. "Inhibition of D-amino acid oxidase by alpha-keto acids analogs of amino acids"; Enzyme and Microbial Technology, Vol 18: 379-82, 1996	
RP	R36	MOSES, J, et al. "Sodium benzoate differentially blocks circling induced by D- and L- dopa in the hemi-parkinsonian rat"; Neuroscience Letters, Vol 218: 145-8, 1996	
RP	R37	SHIN-ISHI, N, et al. "High-dose ketamine does not induce c-Fos protein expression in rat hippocampus"; Neuroscience Letters, Vol 151: 33-6, 1993	
RP	R38	NEGRI, A, et al. "The kinetic mechanism of beef kidney D-aspartate oxidase"; The Journal of Biological Chemistry, Vol 263: 13557-63, September 25, 1988	
RP	R39	NISHINO, T, et al. "Chemical modifications of D-amino acid oxidase"; The Journal of Biological Chemistry, Vol 255, N°8: 3810-6, April 25, 1980	
RP	R40	NISHINA, Y, et al. "Substrate recognition and activation mechanism of D-amino acid oxidase: a study using substrate analogs"; J. Biochem, Vol 128, N°2: 213-23, 2000	
RP	R41	PORTER, D, et al. "Active site chlorination of D-amino acid oxidase by N-chloro-D-leucine"; The Journal of Biological Chemistry, Vol 251, N°19: 6150-3, October 10, 1976	
RP	R42	RAMON, F, et al. "Chemical mechanism of D-amino acid oxidase from Rhodotorula gracilis: pH dependence of kinetic parameters"; Biochem. J., Vol 330: 311-4, 1998	
	R43	RICCI, G, et al. "Interaction between 1,4-thiazine derivatives and D-amino-acid oxidase"; Biochimica et Biophysica Acta, Vol 748: 40-7, 1983	
	R44	SCHELL, M, et al. "D-aspartate localizations imply neuronal and neuroendocrine roles"; Proc. Natl. Acad. Sci. USA, Vol 94: 2013-8, March 1997	

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		First Named Inventor	D. COHEN, et al.
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RP	R45	SHELL, M, et al. "D-serine as a neuromodulator: regional and developmental localizations in rat brain glia resemble NMDA receptors"; The Journal of Neuroscience, Vol 17, N°5: 1604-15, March 1, 1997	
RP	R46	SETOYAMA, C, et al. "Structural and functional characterization of the human brain D-aspartate oxidase"; J. Biochem, Vol 121, N°4: 788-803, 1997	
	R47	SNYDER, SH, et al. "D-amino acids as putative neurotransmitters: focus on D-serine"; Neurochemical Research, Vol 25, N°5: 553-60, 2000	
RP	R48	SWENSON, RP, et al. "Methylation of the active center histidine 217 in D-amino acid oxidase by Methyl-p-nitrobenzenesulfonate"; The Journal of Biological Chemistry, Vol 259, N°8: 5585-80, May 10, 1984	
RP	R49	SWENSON, RP, et al. "Chemical modification of D-amino acid oxidase"; The Journal of Biological Chemistry, Vol 257, N°4: 1937-44, February 25, 1982	
RP	R50	TANAKA, F, et al. "Interaction of steroids with D-amino acid oxidase"; Biochimica et Biophysica Acta, Vol 522: 43-8, 1978	
RP	R51	VAMECQ, J, et al. "Inhibition of peroxisomal fatty acyl-CoA oxidase by antimycin A"; Biochem J., Vol 248: 603-7, 1987	
RP	R52	VAN VELDHOFEN, P, et al. "D-aspartate oxidase, a peroxisomal enzyme in liver of rat and man"; Biochimica et Biophysica Acta, Vol 1073: 203-8, 1991	
RP	R53	WANG, H, et al. "Regulation of rat magnocellular neurosecretory system by D-aspartate: evidence for biological role(s) of a naturally occurring free D-amino acid in mammals"; Journal of Endocrinology, Vol 167: 247-52, 2000	
RP	R54	WATANABE, F, et al. "Site-specific mutagenesis of lysine-204, tyrosine-224, tyrosine-228, and histidine-307 of porcine kidney D-amino acid oxidase and the implications as to its catalytic function"; J. Biochem, Vol 105, N°6: 1024-9, 1989	
RP	R55	WINSTEAD, JA, et al. "Gamma-irradiated flavin adenine dinucleotide: a D-amino acid oxidase inhibitor"; Radiation Research, Vol 52: 520-7, 1972	

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RP	R56	AMERY, L. et al. "C-terminal tripeptide Ser-Asn-Leu (SNL) of human D-aspartate oxidase is a functional peroxisome-targeting signal"; Biochem J, Vol 336 : 367-71, 1998 - ABSTRACT	
RP	R57	ARMATI, P.J. et al. "A new medium for in vitro peripheral nervous tissue myelination without the use of antimetotics"; J Neurosci Methods, Vol 33 (2-3) : 149-55, 1990 - ABSTRACT	
RP	R58	ARNOLD, G. et al. "Ultrastructural localization of D-amino acid oxidase in microperoxisomes of the rat nervous system"; J Histochem Cytochem, Vol 27(3) : 735-45, 1979 - ABSTRACT	
RP	R59	ASSI, AA. et al. "An in vitro and in vivo study of some biological and biochemical effects of Sistrurus Malaris Barbours venom"; Toxicology, Vol 137(2) : 81-94, 1999 - ABSTRACT	
RP	R60	BEARD, ME "D-aspartate oxidation by rat and bovine renal peroxisomes : an electron microscopic cytochemical study"; J Histochem Cytochem, Vol 38(9) : 1377-81, 1990 - ABSTRACT	
RP	R61	CIMINI, AM. et al. "Presence of heterogeneous peroxisomal populations in the rat nervous tissue"; Biochim Biophys Acta, Vol 1425(1) : 13-26, 1998 - ABSTRACT	
RP	R62	COOPER, AJ. et al. "Inhibition of glutamate-aspartate transaminase by beta-methylene-DL-aspartate"; Biochem Pharmacol, Vol 32(4) : 679-89, 1983 - ABSTRACT	
RP	R63	D'ANIELLO, G. et al. "The role of D-aspartic acid and N-methyl-D-aspartic acid in the regulation of prolactin release"; Endocrinology, Vol 141(10) : 3862-70, 2000 - ABSTRACT	
RP	R64	D'ANIELLO, G. et al. "Occurrence of free D-aspartic acid in the circumoesophageal ganglia of Aplysia fasciata"; Life Sci, Vol 52(8) : 733-6, 1993 - ABSTRACT	
RP	R65	DE MORAES, GH. et al. "Effects of D-amino acids on growth rate and kidney D-amino acid oxidase in chicks"; Poult Sci, Vol 66(1) : 98-102, 1987 - ABSTRACT	
RP	R66	FISHER, GH. et al. "Quantification of D-aspartate in normal and Alzheimer brains"; Neurosci Lett, Vol 143(1-2) : 215-8, 1992 - ABSTRACT	

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RP	R67	GILBERT, SF, et al. "Selective culture medium enhances survival of neuroblasts from postnatal rodent brain"; Brain Res Bull, Vol 16(6): 853-60, 1986 - ABSTRACT	
RP	R68	HASHIMOTO, A, et al. "Anatomical distribution and postnatal changes in endogenous free D-aspartate and D-serine in rat brain and periphery"; Eur J Neurosci, Vol 7(8): 1657-63, 1995 - ABSTRACT	
RP	R69	HASHIMOTO, A, et al. "Embryonic development and postnatal changes in free D-aspartate and D-serine in the human prefrontal cortex"; J Neurochem, Vol 61(1): 348-51, 1993 - ABSTRACT	
RP	R70	NARDINI, M, et al. "Detection of 2H-1,4-thiazine-5,6-dihydro-3-carboxylic acid (aminoethylcysteine ketimine) in the bovine brain"; Biochem Biophys Res Commun, Vol 166(3): 1251-6, 1990 - ABSTRACT	
RP	R71	NEGRU, A, et al. "D-aspartate oxidase from beef kidney. Purification and properties"; J Biol Chem, Vol 262(21): 10026-34, 1987 - ABSTRACT	
RP	R72	NEGRU, A, et al. "Purification of beef kidney D-aspartate oxidase overexpressed in Escherichia coli and characterization of its redox potentials and oxidative activity towards agonists and antagonists of excitatory amino acid receptors"; Biochim Biophys Acta, Vol 1431(1): 212-22, 1999 - ABSTRACT	
RP	R73	PERRY, RH, et al. "Cortical neuropathological and neurochemical substrates of Alzheimer's and Parkinson's diseases"; J Neural Trans Suppl, Vol 24:131-6, 1987 - ABSTRACT	
RP	R74	SHAPIRA, R, et al. "Neuritic plaque amyloid in Alzheimer's disease is highly racemized"; J Neurochem, Vol 50(1): 69-74, 1988 - ABSTRACT	
RP	R75	SIKORA, L, et al. "Regulation of L-amino acid oxidase and of D-amino acid oxidase in Neurospora crassa"; Mol Gen Genet, Vol 186(1): 33-9, 1982 - ABSTRACT	
RP	R76	TAKATSUKA, H, et al. "Molecular characterization of L-amino acid oxidase from Agkistrodon halys blomhoffii with special reference to platelet aggregation"; Biochim Biophys Acta, Vol 1544(1-2): 267-77, 2001 - ABSTRACT	
RP	R77	TEDESCHI, G, et al. "D-aspartate oxidase is present in ovaries, eggs and embryos but not in testis of Xenopus laevis"; Comp Biochem Physiol B Biochem Mol Biol, Vol 124(4): 489-94, 1999 - ABSTRACT	

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		Filing Date	January 16, 2002
		First Named Inventor	D. Cohen <i>et al.</i>
		Group Art Unit	1645
		Examiner Name	unassigned
		Attorney Docket Number	101.US5.REG

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RF	R78	TEDESCHI, G. <i>et al.</i> , "Properties of the flavoenzyme D-aspartate oxidase from <i>Octopus vulgaris</i> ", <i>Biochim Biophys Acta</i> , Vol. 1207(2): 217-22 (1994) - ABSTRACT	
RF	R79	TORII, S. <i>et al.</i> , "Molecular cloning and functional analysis of apoxin I, a snake venom-derived apoptosis-inducing factor with L-amino acid oxidase activity", <i>Biochemistry</i> , Vol. 39(12): 3197-205 (2000) - ABSTRACT	
	R80	WAKE, K. <i>et al.</i> , "Exaggerated responses to chronic nociceptive stimuli and enhancement of N-methyl-D-aspartate-receptor-mediated synaptic transmission in mutant mice lacking D-amino-acid oxidase", <i>Neurosci. Lett.</i> , Vol. 297(1): 25-8 (2001) - ABSTRACT <i>cited on PTO-892</i>	
RF	R81	YAMADA, R., <i>et al.</i> , "Purification and properties of D-aspartate oxidase from <i>Cryptococcus humicola</i> UJ1", <i>Biochim Biophys Acta</i> , Vol. 1294(2): 153-8 (1996) - ABSTRACT	
RF	R82	BARKER, R. <i>et al.</i> , "The genetic and biochemical properties of the D-amino acid oxidases in human tissues", <i>Ann Hum Genet.</i> , 44(4): 27-42 (1997), Accession No. 004032. <i>(Feb 2001)</i>	
	R83	MOMOI, K. <i>et al.</i> , "Molecular cloning and sequence analysis of kidney D-amino acid oxidase", <i>FEBS Lett.</i> , 238: 180-184 (1988), Accession No. P14920. <i>cited on PTO-892</i>	
	R84	SETOYAMA, C. <i>et al.</i> , "Structural and functional characterization of the human brain D-aspartate oxidase", <i>J. Biochem.</i> , 121(4): 725-733 (1997), Accession No. JC5438. <i>(Jun 2000)</i>	
	R85	CRUZ, L.J. <i>et al.</i> , "Mutual antagonism in the metabolism of D-valine and D-leucine and antagonism by their analogs", <i>Arch Biochem Biophys.</i> , 1969, 135(1):341-5, PubMed, PMID: 4391341.	
	R86	DE KOK, A. <i>et al.</i> , "Studies on L-amino acid oxidase. I. Effects of pH and competitive inhibitors", <i>Biochim Biophys Acta</i> , 1968, 167(1): 35-47, PubMed, PMID: 5693709.	
	R87	DE MARCHI, W.J. <i>et al.</i> , "The oxidation of glycine by D-amino acid oxidase in extracts of mammalian central nervous tissue", <i>J Neurochem.</i> , 1969, 16(3):355-61. PubMed, PMID: 4389537.	
	R88	MCFARLANE, I.G. <i>et al.</i> , "Metabolism of leucine in protein-calorie-deficient rats", <i>Biochem J.</i> , 1969, 111(4):565-71, PubMed, PMID: 4388242.	
	R89	MECHER, T. <i>et al.</i> , "Presence of L-amino-acid oxidase in the blood in pemphigus, dermatitis herpetiformis Duhring and herpes zoster", <i>Clin. Chim. Acta</i> , 1969, 24(1): 111-20, PubMed, PMID: 5780154.	

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	R90	MIZON, J. <i>et al.</i> , "Properties of turkey ( <i>Meleagris gallopavo</i> L.) liver L-amino acid oxidase", <i>Biochim Biophys Acta</i> , 1970, 212(1):33-42 [article in French], PubMed, PMID: 5500943.	
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	R92	NISHIKIMI, M. <i>et al.</i> , "The occurrence of superoxide anion in the reaction of reduced phenazine methosulfate and molecular oxygen", <i>Biochem Biophys Res Commun.</i> , 1972, 46(2):849-54, PubMed, PMID: 4400444.	
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	R94	SINGER, S. <i>et al.</i> , "The effects of the administration of sodium benzoate and diethylstilbestrol disulfate on the hepatic levels of several glucocorticoid-sensitive enzymes in adrenalectomized rats", <i>Biochim Biophys Acta.</i> , 1967, 146(2):443-51, PubMed, PMID: 4383683.	
	R95	SIVA SANKAR, D.V. <i>et al.</i> , "The effect of chlorpromazine and of oxygen on the substrate-inhibition of L-amino acid oxidase", <i>Biochem. Med.</i> , 1975(1): 75-82, PubMed, PMID: 1212242.	
	R96	ZELLER, E.A. <i>et al.</i> , "Interaction of ophidian L-amino acid oxidase with its substrates and inhibitors: role of molecular geometry and electron distribution. Communication 6 on ophidian L-amino acid oxidases", <i>Helv. Chim. Acta</i> , 1974:57(8): 2406-20, PubMed, PMID: 4443288.	
	R97	ZIMMERMAN, S.E. <i>et al.</i> , "Immunochemical studies of L-amino acid oxidase", <i>Biochim Biophys Acta</i> , 1971, 229(1):260-70, PubMed, PMID: 5543611.	
	R98		
	R99		
	R100		
	R101		

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